

REMARKS

Summary of the Office Action

Claims 1-3, 5-10, 12, and 13 are pending.

Claims 1, 2, 5-6, 8- 9, and 12 were rejected under 35 U.S.C. § 102(e) as being anticipated by Wright et al. U.S. patent application Publication No. US2002/0018008 A1 (“Wright”). The Examiner finds allowable subject matter in claims 3, 7, 10 and 13 and indicates that these would be allowed if rewritten in suitable independent form.

Applicants’ Reply

Applicants appreciate the Examiner finding of allowable subject matter in claims 3, 7, 10 and 13.

Applicants have amended claims 6 and 8 for clarity. Applicants respectfully traverse the prior art rejections.

Prior Art Rejections

Independent Claims 1, 6 and 8

Claims 1, 6, and 8, were rejected as being anticipated by Wright.

Applicants’ invention, according to independent claims 1 and 6, relates to a wireless network communication method and a mobile unit, respectively, that are designed for adjusting mobile unit transmitter power level in response to data extracted from beacon signals sent out by an access point. Claim 1, for example, includes the recitation that the mobile unit power is adjusted in response to “access points transmitter power level data included in said beacon signals.” Similarly, claim 6 calls for a mobile unit processor configured to extract “access points transmitter power level data included in beacon signals” in response to which the mobile unit transmitter power is adjusted.

Further, Applicants' invention, according to claim 8, relates to a method for controlling interference in a wireless local area network having multiple access points and mobile units. The transmission power (i.e. transmission range) of the mobile units is adjusted in proportion to access point spacing to minimize overlap and hence interference. More particularly, the transmission power is adjusted in response to "power level data representing transmitter power of said adjustable power level access points" transmitted within said beacon signals.

Applicants respectfully submit that at least these features of claims 1, 6 and 8 are not shown, taught or suggested by Wright.

As correctly noted by the Examiner, Wright as is directed to wireless communication system between airport-located stationary subsystems (e.g., control tower access point) and subsystems (e.g., GDL unit 111) located on aircraft parked or landed at the airport. (See e.g., Abstract, ¶ [0011]). Further, Wright describes broadcasting beacons to on-board aircraft GDL units to lower the GDL units' emitted power to below a regulatory emitted power limit imposed on the airport. (See ¶ [0055]).

However, applicants note that in Wright the GDL unit's power emission is responsive to a "GDL power emission limit" and not to an access point's power level. Wright's GDL communication system is not concerned with the access point's power level. In particular, Wright does not describe "transmitting from an access point (e.g., control tower) to said mobile unit (e.g., GDL unit) beacon signals that also include data representing transmitter power level for said access point" or "receiving at said mobile unit said access point transmitter power level data," or "adjusting transmitter power level of said mobile unit in accordance with the value of said access point transmitter power level data included in said beacon signals"

Applicants respectfully submit that Wright fails to describe or suggest including relevant “controlling” access point power level data in the beacon signal itself as is required by applicants’ claims 1, 6 and 8.

For at least this reason, independent claims 1, 6 and 8 are patentable over Wright .

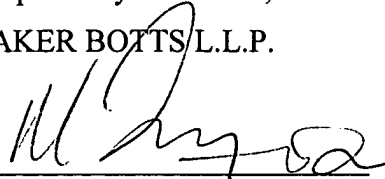
Dependent Claims 2, 5, 7, 9, 10, 12 and 13

Claims 2, 5, 6, 8, 9, and 12 are patentable over Wright, for at least the same reasons that their respective parent claims 1, 6, and 8 are patentable, which are discussed above.

Conclusion

This application is now in condition for allowance. Reconsideration and prompt allowance of which are requested. If there are any remaining issues to be resolved, applicants respectfully request that the Examiner kindly contact the undersigned attorney by telephone for early resolution.

Respectfully submitted,
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